






 Wolfspeed. A CREE COMPANY	C3M0120090J
	Manufacturer Part Number: C3M0120090J Manufacturer/Brand: Cree Wolfspeed Part of Description: MOSFET N-CH 900V 22A Datasheets:  C3M0120090J.pdf RoHS Status:  Lead free / RoHS Stock Condition: Compliant New original, Stock Available. Ship From: Hong Kong Shipment Way: DHL/Fedex/TNT/UPS/EMS
	
Image may be representation. See specs for product details.	

Specifications

Part Number	C3M0120090J
Manufacturer	Cree Wolfspeed
Description	MOSFET N-CH 900V 22A
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	Require For Quote & Check Stock
Vgs(th) (Max) @ Id	3.5V @ 3mA
Vgs (Max)	+18V, -8V
Technology	SiCFET (Silicon Carbide)
Supplier Device Package	D2PAK-7
Series	C3M™
Rds On (Max) @ Id, Vgs	155 mOhm @ 15A, 15V
Power Dissipation (Max)	83W (Tc)
Packaging	Tube
Package / Case	TO-263-8, D ² Pak (7 Leads + Tab), TO-263CA
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	26 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Input Capacitance (Ciss) (Max) @ Vds	350pF @ 600V
Gate Charge (Qg) (Max) @ Vgs	17.3nC @ 15V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	15V
Drain to Source Voltage (Vdss)	900V
Detailed Description	N-Channel 900V 22A (Tc) 83W (Tc) Surface Mount
Current - Continuous Drain (Id) @ 25°C	22A (Tc)

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